



Introduction to the Annual Work Plan

Santa Monica Bay Stakeholders 2021

Fiscal Year 22

October 1, 2021-September 30, 2022

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SMBNEP

**SANTA MONICA BAY
NATIONAL ESTUARY PROGRAM**





Santa Monica Bay National Estuary Program

WHO

- United States Environmental Protection Agency
- The Management Conference:
 - Policy Committee
 - Management Committee
 - Technical Advisory Committee
 - Santa Monica Bay Stakeholders

Collaboratively supported by:

- State Water Resources Control Board
- The Bay Foundation

Santa Monica Bay and its Watershed



Seven goals established by the TAC to help guide the development 44 major actions

WHAT

1. Protect, enhance, and improve ecosystems of Santa Monica Bay and its watersheds
2. Improve water availability
3. Improve water quality
4. Enhance socio-economic benefits to the public
5. Enhance public engagement and education
6. Mitigate impacts and increase resiliency to climate change
7. Improve monitoring and ability to assess effectiveness of management actions

Southern California Bight



Action #	CCMP Action	CCMP Next Step(s) / Project Activity Name	Lead Entity-ies)	Partner(s)	Objective(s)	Description / Milestone Summary	Outputs / Deliverables	Long-Term Environmental Result(s) / Outcome(s)	CWA
6	Restore coastal strand and foredune habitat to beaches and sandy shores to improve coastal resilience	Continue long-term monitoring of the Santa Monica Beach Restoration Pilot Project	TBF	CRI, City of Santa Monica, State Parks, Audubon	To continue long-term monitoring to inform coastal resilience, ecosystem benefits, and adaptive management of the restoration area	Conduct physical and biological surveys at the frequency described in the Implementation and Monitoring Plan and produce an annual report	Annual Report (SaMo Pilot)	Restore 10 acres of coastal strand and dune habitat along Santa Monica Bay beaches to improve ecological function, increase coastal resilience, and provide habitat for rare species	6
		Conduct Phase 1 (outreach and planning) and Phase 2 (implementation) of the Malibu Living Shoreline Project	TBF	City of Malibu, LACDBH, SCC, CRI, State Parks	To restore three acres of beach and dune habitat to improve coastal resilience and ecosystem benefits and improve public engagement	Continue partnership development, outreach, and baseline monitoring surveys; complete permitting; contract with Los Angeles Conservation Corps to implement Malibu Living Shoreline Project; conduct post-restoration monitoring	Annual Report (MLSP)		
		Find funding for and implement another beach and bluff restoration project	TBF	City of LA, SCC, City of Manhattan Beach, City of Malibu, LACDBH, CDFW	To restore 3.5 acres of bluff, beach, and eelgrass habitat as part of a living shoreline pilot project (Los Angeles Living Shoreline Project); restore dune habitats in Manhattan Beach through iceplant removal and revegetation with native plants	Continue partnership development, permitting, baseline monitoring, and stakeholder coordination for LA Living Shoreline Project and Manhattan Beach Dune Restoration Project	Update in semi-annual report		
		Support efforts to standardize sandy beach monitoring and a regional approach to restoration	TBF	Beach Ecology Coalition, CRI, SCC, others	To continue efforts to standardize sandy beach monitoring and data collection for southern California through stakeholder partnerships and CMP implementation	Participate in the Beach Ecology Coalition group, continue stakeholder and scientific communications, continue Healthy Beaches project in partnership with CRI, continue monitoring and data collection efforts	Update in semi-annual report		

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25	Support best management practices, increased public access, and improved public facilities for beaches and other public trail systems to support both enhanced natural resources values and benefits to people	Support implementation of identified actions within plans such as the LACDBH Sea Level Rise Vulnerability Assessment	LACDBH, Municipalities	SCC, City of Los Angeles, City of Manhattan Beach, State Parks, TBF	To implement adaptation projects that will improve coastal resilience	Develop and begin implementation of coastal adaptation projects that address sea level rise and planning efforts within climate action plans	Update in semi-annual report	Improve access to the coast and enhance coastal experiences through linking and expanding the California Coastal Trail; develop and build partnerships that support the implementation of natural infrastructure throughout the Bay watersheds	N/A
		Support creation of increased public transit to and from beaches to enable access	City of Santa Monica, Municipalities	CCC, SCC, CDFW, others	(Not part of FY22 Work Plan)	(Not part of FY22 Work Plan)	(Not part of FY22 Work Plan)		
		Continue to advise BMPs for beaches that promote habitat condition improvements and support for unique species	LACDBH	LACDBH, Pepperdine, Beach Ecology Coalition, beach managers, Audubon, TBF, CRI, USFWS, CDFW, Heal the Bay	To build upon and continue partnerships with groups and agencies to benefit beach habitat conditions	Continue partnerships and active participation with groups and agencies such as LACDBH, Audubon Society, Pepperdine, Beach Ecology Coalition, State Parks, and USFWS to implement and provide recommendations for best management practices along beaches	Update in semi-annual report		

Santa Monica Beach Restoration Pilot Project

Pilot habitat restoration project to show that beach restoration can provide **public benefits**, enhanced **natural resource** values, and evaluate “**soft**” **low-cost protections** from climate change impacts (e.g. sea level rise and wave erosion).

- Approximately 3-acre area with a low profile (1-3 ft)
- Seeding / simple sand fencing
- Scientific monitoring



BEFORE



AFTER

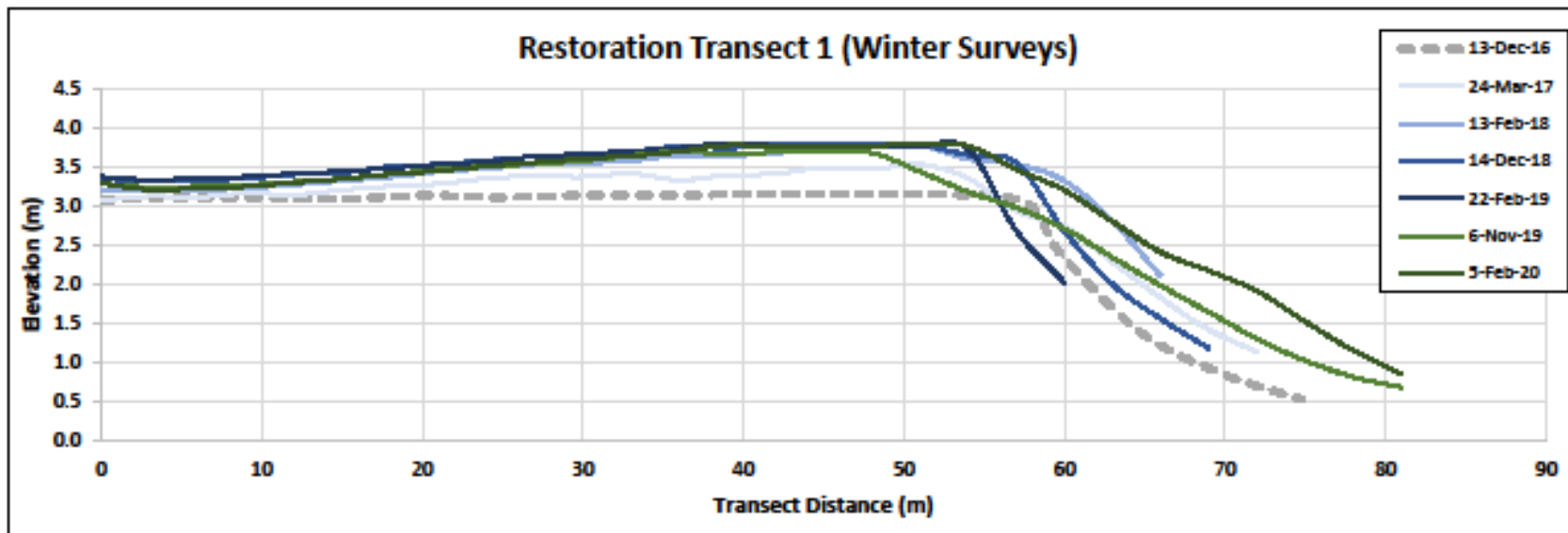


Figure 26a. Restoration Transect 1 elevation profiles during Winter Beach surveys (Elevation in NAVD88).

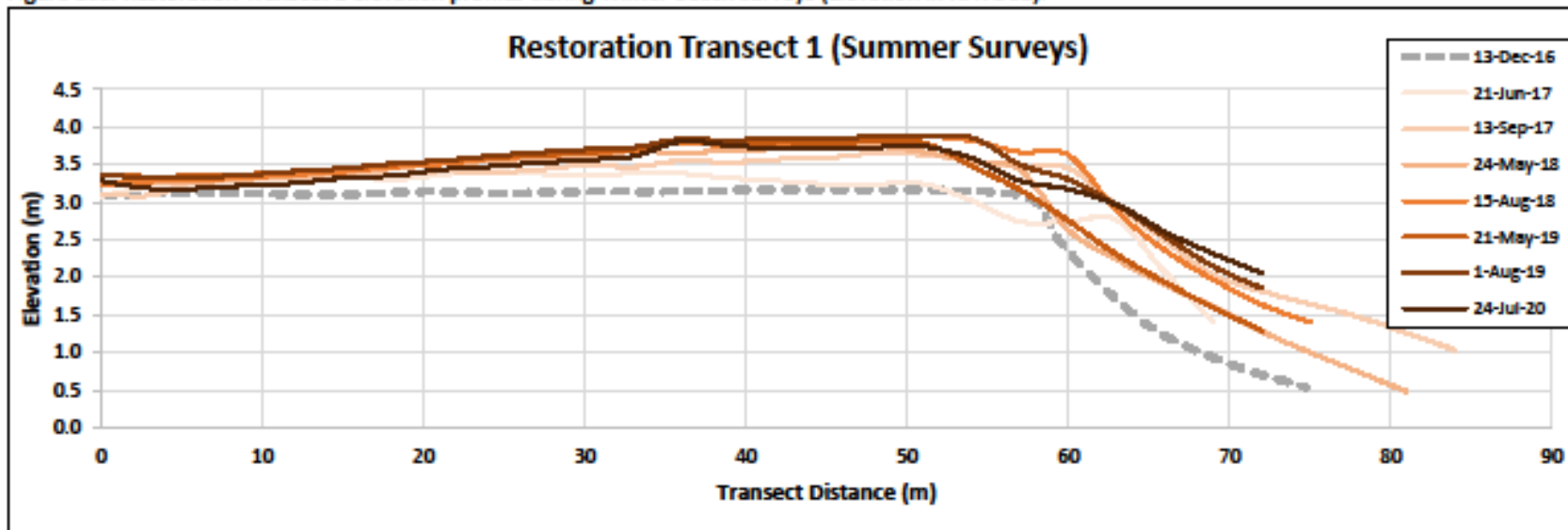


Figure 26b. Restoration Transect 1 elevation profiles during Summer Beach surveys (Elevation in NAVD88).

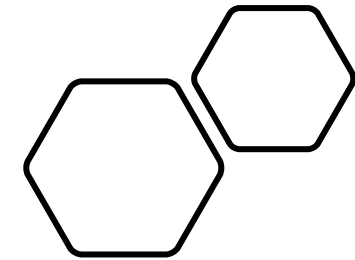
One of four transects that describe elevation changes over time.

For more details access the report in the library on the www.santamonicabay.org website.

https://www.santamonicabay.org/wp-content/uploads/2020/09/SaMo-Beach-Project-Year-4_FINAL_Sept20.pdf



Girl Scout Daisies
January 2020



We've maintained a good deal of activity while protecting our teams in response to COVID-19.

We broke ground in Malibu late 2020 on Zuma and Westward Beaches.

Nice job team!



The NEP Model at Work

Planning
Partnerships
Implementation
Monitoring

A Need for Scalability and
Innovation

Thank you for your support
and input to the Santa Monica
Bay National Estuary Program!

Catalina Island Eelgrass Surveys,
October 2020

